



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D.C., 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PC Code: 128857
Chemical: Myclobutanil
DP Barcode: D323805, D329420
December 18, 2006

SUBJECT: Section 3 Myclobutanil use on hops and soybeans, *Amended*

TO: Mary Waller, RM21
Fungicide Branch
Registration Division (7505P)

FROM: James Goodyear, Ph.D. Biologist
Environmental Risk Branch 3
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Goodyear 12-18-06

THRU: Daniel Rieder, Branch Chief
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Daniel Rieder 12-18-06

The Section 3 review (D323805, D329420) of July 18 2006 that was entitled "AQUATIC EXPOSURE AND RISK ASSESSMENT FOR MYCLOBUTANIL USE ON HOPS AND SOYBEANS" was a review of 1) the aquatic exposure and 2) a risk assessment of its effects in both aquatic and terrestrial environments.

We found that there were no exceedances of the LOCs for nontarget terrestrial animals or plants. This was what Table 5 of the review was intended to communicate.

Since there were no exceedances for nontarget terrestrial species, we did not do a formal run of our computer program "Locates." We do not consider myclobutanil to be a threat to terrestrial species.

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| Table 5. Listed species risks associated with direct or indirect effects due to applications of Myclobutanil for use on hops. The soybean use had no exceedances. |
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Table 5. Listed species risks associated with direct or indirect effects due to applications of Myclobutanil for use on hops. The soybean use had no exceedances.

| Listed Taxa | Direct Effects | Indirect Effects |
|--|----------------|------------------|
| Terrestrial and semi-aquatic plants – monocots | | |
| Terrestrial and semi-aquatic plants – dicots | | |
| Terrestrial invertebrates | | |
| Birds | | |
| Terrestrial phase amphibians | | |
| Reptiles | | |
| Mammals | | |
| Aquatic non-vascular plants | | |
| Aquatic vascular plants | | |
| Freshwater fish | | |
| Aquatic phase amphibians | | |
| Freshwater crustaceans | | |
| Mollusks/estuarine | Yes | |
| Marine/estuarine fish | | Yes |
| Marine/estuarine crustaceans | Yes | |